



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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Univ. of Ky - Agr'l Weather Center  
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**AGRICULTURAL NEWS:** Rain on Monday and Tuesday along with cool temperatures brought a definite fall feel to the State. Temperatures rose as the week progressed with clear dry conditions throughout most of the Commonwealth. The State averaged 58 degrees for the week. However, due to the near record low temperatures, the State average was 6 degrees below normal. Precipitation averaged 1.0 inches for the week which was 0.2 inches above normal. **Topsoil moisture**, as of Friday, September 29 was rated 2 percent very short, 14 percent short, 71 percent adequate, and 13 percent surplus. **Subsoil moisture**, was rated 10 percent very short, 19 percent short, 63 percent adequate, and 8 percent surplus. **Days suitable for fieldwork** averaged 4.0 out of a possible 6 days. Primary farming activities included sowing cover crops, housing tobacco, and harvesting corn and soybeans.

**TOBACCO:** As of Sunday, October 1, **burley tobacco** was 96 percent cut. This compares with 96 percent in 1999, and 90 percent for the five year average. **Dark tobacco** was 96 percent cut as of Sunday, October 1, this compares with 97 percent in 1999, and 92 percent for the five year average. The housed tobacco continues to cure well, although some tobacco growers are concerned with curing too quick. As of Sunday, October 1, 4 percent of housed tobacco was stripped, 23 percent was ready for stripping, and 73 percent was not ready for stripping. Some producers reported that weather conditions have not been conducive for the best curing of burley in their areas.

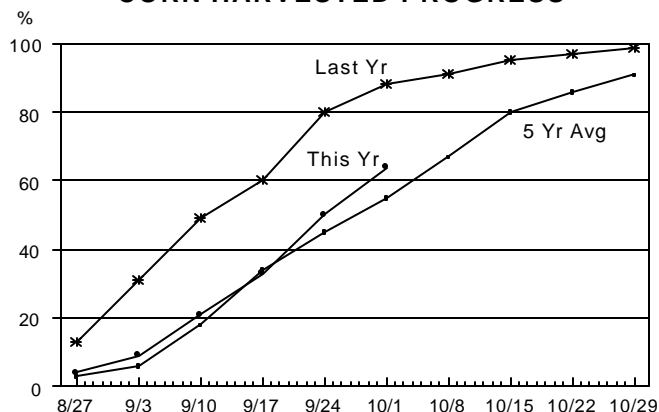
tobacco was reported as 2 percent very poor, 4 percent poor, 22 percent fair, 53 percent good, and 19 percent in excellent condition.

**CORN:** Corn harvest has spread across the State. As of October 1, 64 percent of the corn crop was harvested, compared to 88 percent last year and 55 percent for the five year average.

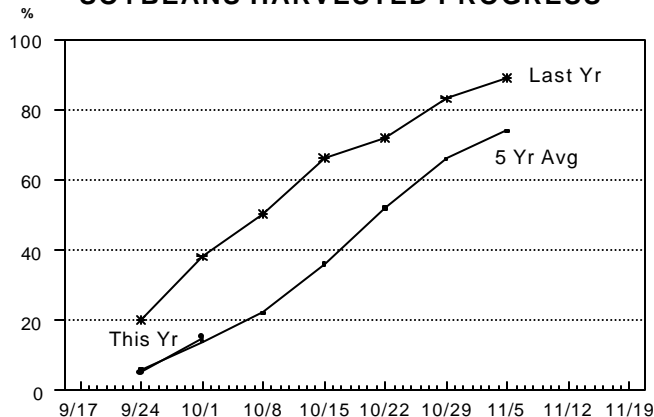
**SOYBEANS:** The soybean crop continues to mature, with harvest beginning across the State. The condition of the crop last week was rated 2 percent poor, 23 percent fair, 50 percent good, and 25 percent excellent. Sixty-eight percent of the soybean crop was shedding leaves compared to 81 percent last year, and 57 percent on average. Fifteen percent of the State's soybeans are harvested. This compares to 38 percent last season, and 14 percent for the 5 year average. Seventy-five percent of the soybean crop is reported to be sufficiently mature to be safe from frost damage.

**OTHER CROPS:** Small grain seeding for cover crop has begun, with 10 percent of the **wheat** seeding complete. This compares to 10 percent the previous year and to 9 percent for the five year average. **Pasture** condition was rated as 1 percent very poor, 6 percent poor, 23 percent fair, 58 percent good, and 12 percent excellent. Cattle have benefitted from the favorable pasture and are in good condition. Farmers are reporting that creeks are running in much of the State. Thanks to the recent precipitation, much of the livestock water supply is in a favorable condition.

CORN HARVESTED PROGRESS



SOYBEANS HARVESTED PROGRESS



**KENTUCKY CROP PROGRESS**  
WEEK ENDING OCTOBER 1, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	Previous Week U.S.
Percentage					
Soybeans					
Shedding Leaves	68	81	57	54	81
Harvested	15	38	14	5	20
Corn					
Mature	97	100	89	96	84
Harvested	64	88	55	50	25
Burley Tobacco Cut	96	96	90	91	NA
Dark Tobacco Cut	96	97	92	90	NA

(NA) Data Not Available.

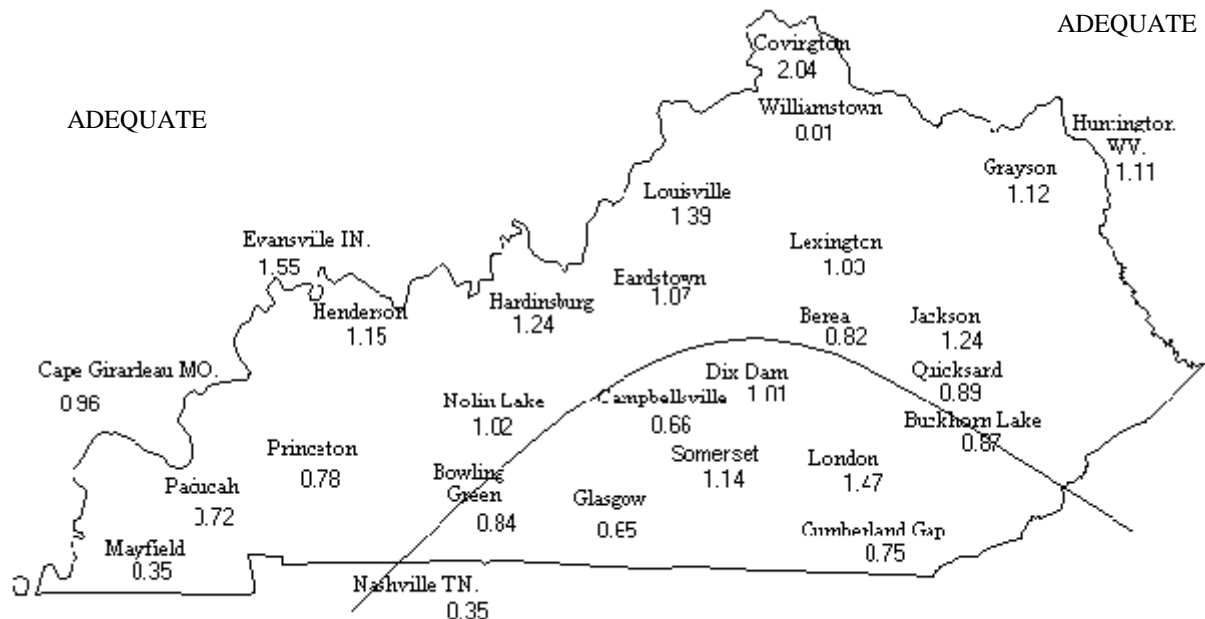
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 29, 2000  
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	2	6
Short	14	24
Adequate	71	63
Surplus	13	7
<b>SUBSOIL</b>		
Very Short	10	12
Short	19	28
Adequate	63	57
Surplus	8	3

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 29, 2000					WEEK ENDING SEPTEMBER 22, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Soybeans	0	2	23	50	25	1	2	26	48	23
Pasture	1	6	23	58	12	2	6	24	58	10
Housed Tobacco	2	4	22	53	19	1	5	23	55	16

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 1, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 29, 2000**



SHORT TO ADEQUATE

**KENTUCKY WEATHER SUMMARY, SEPTEMBER 25 - OCTOBER 1, 2000:**  
**BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:**

The start of Fall saw cool temperatures across the State for the week with some places achieving record or near record lows by dropping to the upper 30s overnight. Most of the week was dry with the only rain showers for much of the State occurring Monday and Tuesday.

Temperatures for the period averaged 58 degrees across the State which was 6 degrees BELOW NORMAL. High temperatures averaged from 73 in the West to 69 in the East. Departure from normal high temperatures ranged from 5 degrees BELOW NORMAL in the West to 5 degrees BELOW NORMAL in the East. Low temperatures averaged from 45 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 9 degrees BELOW NORMAL in the West to 5 degrees BELOW NORMAL in the East. On Sept. 23rd the Palmer Drought Index indicated that Central and Western regions continued under MILD hydrological drought conditions while the Bluegrass improved to NEAR NORMAL conditions and the East continued at NEAR NORMAL hydrological conditions. The Crop Moisture Index for the same time continued to indicate adequate short-term moisture for agricultural purposes.

Rainfall for the period totaled 1.03 inches statewide which was 0.24 inches ABOVE NORMAL. Precipitation totals by climate division, West 0.92 inches, Central 1.03 inches, Bluegrass 1.09 inches and East 1.07 inches, which was 0.12, 0.21, 0.33 and 0.31 inches respectively ABOVE NORMAL. By Kentucky stations, precipitation totals ranged from a low of 0.35 inches at Mayfield to a high of 2.04 inches at Covington.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL**  
**FOR WEEK ENDING SUNDAY, OCTOBER 1, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average	
	(Inches)			(Degrees Fahrenheit)							
Bardstown	1.07	20.68	3.28	-3.54	+0.32	79	41	58.2	-5	95	50
Berea	0.82	26.45	1.61	+0.93	-2.08	79	39	58.8	-4	90	45
Bowling Green	0.84	20.94	3.41	-4.56	-0.04	80	40	59.5	-4	--	--
Bristol	0.52	21.12	1.65	-0.45	-1.37	75	41	58.4	-4	--	--
Buckhorn Lake	0.87	30.39	3.04	+6.14	-0.34	76	42	58.0	-5	--	--
Cape Girardeau	0.96	17.77	4.35	-6.02	+1.04	82	35	57.9	-8	--	--
Campbellsville	0.66	27.17	2.25	-1.60	-2.03	79	39	59.5	-4	93	47
Covington	2.04	24.90	4.81	+2.47	+2.13	76	39	55.8	-7	--	--
Cumberland Gap	0.75	21.70	1.41	-4.24	-1.47	81	42	60.6	-2	95	44
Dix Dam	1.01	23.12	3.21	-1.87	+0.05	77	40	58.2	-4	--	--
Evansville	1.55	25.81	5.36	+3.34	+2.59	81	40	58.2	-8	--	--
Glasgow	0.65	24.36	2.46	-3.18	-1.14	80	38	60.6	-3	95	47
Grayson	1.12	25.92	3.73	+2.73	+1.16	75	42	56.2	-6	95	49
Hardinsburg	1.24	23.54	4.31	-1.73	+0.93	80	38	58.6	-5	96	56
Henderson	1.15	23.55	4.39	+0.14	+1.19	80	40	58.3	-7	96	50
Huntington	1.11	24.83	2.63	+1.50	+0.01	75	42	55.9	-7	--	--
Jackson	1.24	31.96	3.03	+6.69	-0.23	74	40	57.1	-5	--	--
Lexington	1.03	23.89	5.12	-0.33	+2.16	75	41	56.9	-6	--	--
London	1.47	21.65	1.93	-1.79	-1.29	76	40	58.1	-4	--	--
Louisville	1.39	25.11	5.31	+1.50	+2.38	79	43	58.1	-6	--	--
Mayfield	0.35	15.85	3.25	-9.99	-0.44	79	41	59.0	-7	96	50
Nashville	0.35	21.45	1.40	-2.29	-1.75	79	42	61.6	-2	--	--
Nolin Lake	1.02	22.56	3.66	-4.49	-0.24	80	40	58.9	-5	--	--
Paducah	0.72	22.73	3.69	-2.59	+0.27	83	41	60.1	-6	92	48
Princeton	0.78	24.45	3.85	-0.89	+0.75	82	39	60.4	-5	98	57
Quicksand	0.89	35.44	3.61	+10.17	+0.35	74	42	57.9	-5	98	48
Somerset	1.14	30.01	1.86	+3.43	-1.85	77	38	58.6	-4	93	47
Spindletop	0.80	22.63	4.82	-1.59	+1.86	77	41	56.7	-6	90	53
Williamstown	0.81	25.00	3.81	+1.12	+0.84	77	42	57.4	-5	94	52

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

